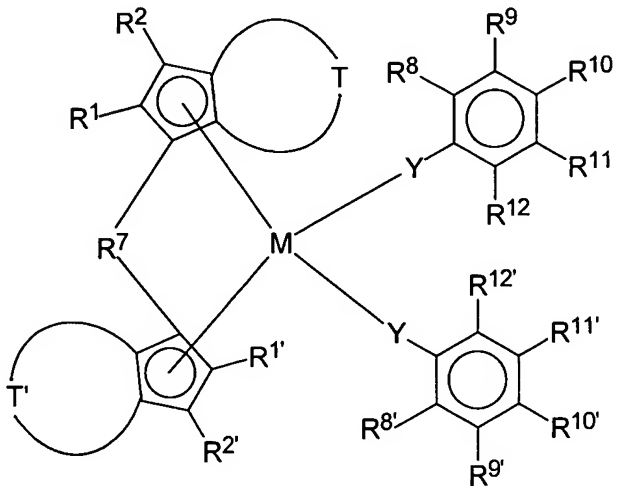
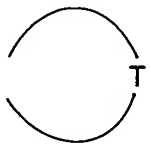
AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A process for preparing racemic metallocene complexes of the formula (I)

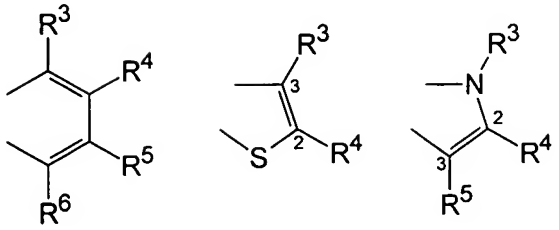


(I)

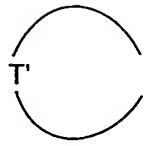
where



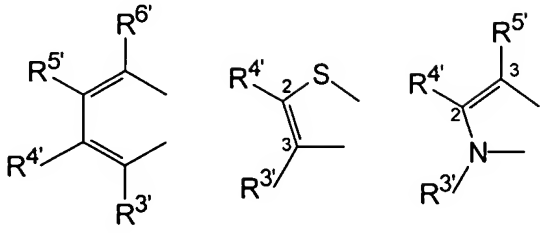
is a divalent group ~~such as~~



and



is a divalent group ~~such as~~



and the substituents and indices have the following meanings:

M is titanium, zirconium, hafnium,

R^1, R^2, R^3, R^4, R^5, R^6, R^9, R^{10}, R^{11}, $R^{1'}$, $R^{2'}$, $R^{3'}$, $R^{4'}$, $R^{5'}$, $R^{6'}$, $R^{9'}$, $R^{10'}$, $R^{11'}$ are identical or different and are each hydrogen, halogen, C_1–C_{20}–alkyl, 3– to 8–membered cycloalkyl which may in turn bear a C_1–C_{10}–alkyl group as substituent, C_6–C_{15}–aryl, alkylaryl having from 1 to 10 carbon atoms in the alkyl part and from 6 to 20 carbon atoms in the aryl part, arylalkyl having from 1 to 10 carbon atoms in the alkyl part and from 6 to 20 carbon atoms in the aryl part, $-OR^{13}$, $-SR^{13}$, $-N(R^{13})_2$, $-P(R^{13})_2$, or $Si(R^{13})_3$, where

R^{13} are identical or different and are each C_1-C_{10}-alkyl, C_6-C_{15}-aryl, C_3-C_{10}-cycloalkyl, alkylaryl, where the radicals mentioned may be partially or fully substituted by heteroatoms,

R^8, R^{12}, $R^{8'}$, $R^{12'}$ are identical or different and are each C_1-C_{10}-alkyl,

Y are oxygen -O-

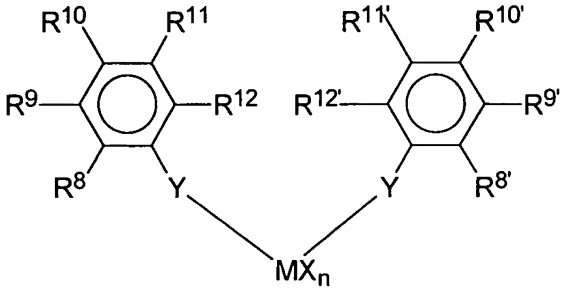
R^7 is a $-[Z(R^{15})(R^{16})]_m-$ group, where

Z can be identical or different and are each silicon, germanium, tin or carbon,

R^{15}, R^{16} are each hydrogen, C_1-C_{10}-alkyl, C_3-C_{10}-cycloalkyl or C_6-C_{15}-aryl,

m is 1, 2, 3 or 4,

by reacting a transition metal complex of the formula (II)



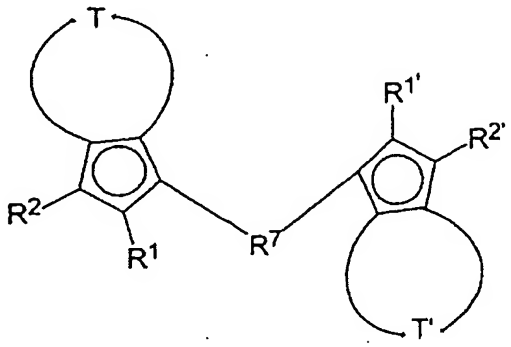
(II)

where

X are identical or different and are each hydrogen, halogen, C_1–C_{10}–alkyl, C_6–C_{15}–aryl, alkylaryl having from 1 to 10 carbon atoms in the alkyl part and from 6 to 20 carbon atoms in the aryl part, $-OR^{17}$ or $-NR^{17}_2$, where R^{17} are identical or different and are each C_1-C_{10}-alkyl, C_6-C_{15}-aryl, C_3-C_{10}-cycloalkyl, alkylaryl,

n is an integer from 1 to 4 and corresponds to the valence of M minus 2,

with cyclopentadienyl derivatives of the formula (III)



pM^2

where

M^2 is an alkali metal ion or alkaline earth metal ion,

and

p is 1 when M^2 is an alkaline earth metal ion and is 2 when M^2 is an alkali metal ion,

and heating the resulting reaction mixture to a temperature in the range from –78 to +250°C.

Claims 2-15 (Canceled)